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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/752,504	12/27/2000	Guido Maffezzoni	ADAPP141	9483

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EXAMINER

HAILU, TADESSE

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 02/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/752,504

Applicant(s)

GUIDO MAFFEZZONI

Examiner

Tadesse Hailu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. This Office Action is in response to the patent application number 09/752,504 filed 12/27/2000.
2. The pending claims 1-34 are examined as follows:

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-3, 8-18, 20-22, and 27-33 are rejected under 35 U.S.C. 102(b) as being anticipated by Symbios Inc., "PCI SCSI Device Management system SDMS 4.0, 1998.

With regard to claim 1:

Claim 1 is directed to "a method for managing a configuration of a host adapter for a computer," the method recites, "generating a graphical user interface..." "Managing the configuration settings of the host adapter..."; "rebooting the computer..."; "reading the configuration..."; and "writing the configuration changes..." Symbios discloses a NTCONFIG Utility, a menu driven (graphical user interface) utility to do the same. The recited steps are cited in chapter 5, pages 26-34. Specially, as described in page 32, NTCONFIG Utility is a menu driven utility including menu bars and scrolls bars manipulated with mouse cursor (chapter 5, pages 32-33).

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With regard to claim 2:

Claim 2 recites a typical configuration setting procedure that takes effect at the end of configuration steps (chapter 5, pages 29-30).

With regard to claim 3:

Claim 3 also recites a typical configuration setting procedure that determines attached devices to current configured device (host adapter). The feature is shown in chapter 5, pages 32-33.

With regard to claim 8:

This claim calls for a further limitation of claim 1, wherein the host adapter is a SCSI host adapter. The step is shown in chapter 5, pages 28-29.

With regard to claim 9:

This claim calls for a typical procedure during rebooting of a system Bios. The step is shown in chapter 5, pages 29-30.

With regard to claim 10:

This claim calls for a further limitation of claim 1, wherein the storage location is defined in storage associated with one of a hard drive of the computer and a memory chip. The step is shown in chapter 5, pages 32.

With regard to claim 11:

This claim calls for the further limitation of claim 10; configuration changes are saved in EEPROM. The step is shown in chapter 5, pages 26, 28.

With regard to claim 12:

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Independent claim 12, while not necessary identical in scope, contains limitations similar to independent claim 1 and therefore is rejected under the same rationale. See also chapter 5, pages 13-15, 35, and 38.

With regard to claim 13:

This claim calls for a further limitation of claim 12, wherein the initiating of the reboot operation includes shutting down all application and all system devices. The feature is shown in chapter 5, pages 28-29.

With regard to claim 14:

This claim calls for a further limitation of claim 13, and is rejected by Symbios shown in chapter 5, pages 15-17, 24-34.

With regard to claim 15:

This claim calls for a further limitation of claim 14, and is rejected by Symbios shown in chapter 5, pages 15-17, 31-32, 24-28.

With regard to claim 16:

This claim calls for a further limitation of claim 15, and is rejected by Symbios shown in chapter 5, pages 15-17, 31-32, 24-28.

With regard to claim 17:

This claim calls for a further limitation of claim 16, and is rejected by Symbios shown in chapter 5, pages 15-17, 31-32, 24-28.

With regard to claim 18:

This claim calls for a further limitation of claim 12, and is rejected by Symbios shown in chapter 5, page 32.

With regard to claim 20:

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Independent claim 20, while not necessary identical in scope, contains limitations similar to independent claim 1 and therefore is rejected under the same rationale. See also

With regard to claim 21:

This claim calls for a further limitation of claim 20, and is rejected by Symbios shown in chapter 5, pages 24-32.

With regard to claim 22:

This claim calls for a further limitation of claim 20, and is rejected by Symbios shown in chapter 5, pages 26-32.

With regard to claim 27:

Independent claim 27, while not necessary identical in scope, contains limitations similar to independent claim 1 and therefore is rejected under the same rationale. See also

With regard to claim 28:

This claim calls for a further limitation of claim 27, and is rejected by Symbios shown in chapter 5, pages 29, 34.

With regard to claim 29:

This claim calls for a further limitation of claim 28, and is rejected by Symbios shown in chapter 5, 15-17, 31-32, and 24-29.

With regard to claim 30:

This claim calls for a further limitation of claim 29, and is rejected by Symbios shown in chapter 5, 15-17, 31-32, and 24-29.

With regard to claim 31:

This claim calls for a further limitation of claim 30, and is rejected by Symbios shown in chapter 5, pages 24-26.

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With regard to claim 32:

This claim calls for a further limitation of claim 31, and is rejected by Symbios shown in chapter 5, pages 24-26.

With regard to claim 33:

This claim calls for a further limitation of claim 32, and is rejected by Symbios shown in chapter 5, pages 26, 32.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a), which forms the basis for all obviousness rejections, set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4-7, 19, 23-26, and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Symbios Inc., "PCI SCSI Device Management system SDMS 4.0 in view of SunTM StorEdgeTM A5000 Installation Guide, for Windows NT Server 4.0

Symbios describes a list representation of host adapters in a GUI, but Symbios does not describe an icon representation of a host adapter as claim in claim 4. Symbios also describes the features cited in claim 5, that is, providing access to the host adapter and peripheral devices attached to the host adapter, but Symbios discloses selecting the host adapter list instead of selecting the host adapter icon (chapter 5, pages 26-34).

Symbios also describes the features cited in claim 6, which is, providing access to the

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configuration settings of the host adapter, but Symbios discloses selecting the host adapter list instead of selecting the host adapter icon (chapter 5, pages 26-34).

Symbios also describes the features cited in claim 7, that is, access to diagnostic tools for managing the configuration of the host adapter, but, again, Symbios discloses selecting the host adapter list instead of selecting the host adapter icon (chapter 5, pages 26-34).

This rest of the claims include selecting the host adapter icon, but Symbios discloses selecting the host adapter list instead of selecting the host adapter icon. Claim 19 is related to claim 12, and claim 23 calls for a graphical user interface that is displayed following in a selection of a SCSI host adapter icon, and claims 24 is related to claim 27, claim 25 is related to claim 3, and claim 26 is related to claim 6.


As shown in Symbios, NTCONFIG Utility is a menu driven utility including menu bars, scroll bar manipulated with mouse cursor (chapter 5, pages 32-33). Symbios discloses device selection menu (chapter 5, page 32), wherein the devices are represented as selectable lists, not icons as claimed in claims 5-7, 19, 23-26, and 34. SunTM StorEdgeTM A5000 Installation Guide, for Windows NT Server 4.0 (Sun) discloses these shortcomings. Sun discloses an icon representation of devices (SCSI host adapters). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to use icon in place of list representation. The use of icons in graphical user interface will allow users to interact better and faster than interacting with lists.

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Conclusion

5. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tadesse Hailu, whose telephone number is (703) 306-2799. The Examiner can normally be reached on M-F from 10:00 - 6:30 ET. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, John Cabeca, can be reached at (703) 308-3116 Art Unit 2173 CPK 2-4A51.
6. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Tadesse Hailu



CAO (KEVIN) NGUYEN
PRIMARY EXAMINER

Feb 13, 2004